

EXECUTION OF DYNAMIC SERVICES
IN A FLEXIBLE ARCHITECTURE FOR E-COMMERCE

ABSTRACT OF THE DISCLOSURE

A system for distributing services for execution by dynamically available resources is disclosed. A computational load of a service for execution is distributed among the dynamically available resources such that no resource is under or over utilized. The system includes an Execution Server, arranged to communicate with at least one user browser, including an Execution Manager servlet, a Results Manager servlet, and a Results Finder servlet. The system further includes a Load Balancer Lookup Finder object for finding and identifying an available Load Balancer to the Execution Manager at least one Load Balancer, at least one Compute Server and a Compute Server Lookup Finder object in communication with the Load Balancer to find and effectively utilize the available Compute Servers for executing the user services.